

**OPINION 2288 (Case 3517)****LATRIDIIDAE Erichson, 1842 (Insecta, Coleoptera): precedence given over CORTICARIIDAE Curtis, 1829, and *Corticaria* Marsham, 1802: usage conserved by designation of *Corticaria ferruginea* Marsham, 1802 as the type species**

**Abstract.** The Commission has conserved the usage of the family name LATRIDIIDAE Erichson, 1842 by giving it precedence over the senior name CORTICARIIDAE Curtis, 1829, and conserved the current usage of the widely used name *Corticaria* Marsham, 1802 by designation of *Corticaria ferruginea* Marsham, 1802 as the type species.

**Keywords.** Nomenclature; taxonomy; Coleoptera; CUCUJOIDEA; LATRIDIIDAE; LATRIDIIDAE; CORTICARIIDAE; *Corticaria*; *Lathridius*; *Latridius*; *Corticaria ferruginea*.

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**Ruling**

- (1) Under the plenary power it is hereby ruled that:
  - (a) the family-group name LATRIDIIDAE Erichson, 1842 and other family-group names based on *Latridius* Herbst, 1793 are to be given precedence over CORTICARIIDAE Curtis, 1829 and other family-group names based on *Corticaria* Marsham, 1802 whenever their type genera are placed in the same family-group taxon;
  - (b) all type species designations for *Corticaria* Marsham, 1802 prior to that of *Corticaria ferruginea* Marsham, 1802 by Dajoz (1975) are hereby set aside.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Latridius* Herbst, 1793 (gender: masculine), type species by subsequent designation by Latreille (1810) *Latridius porcatus* Herbst, 1793;
  - (b) *Corticaria* Marsham, 1802 (gender: feminine), type species by subsequent designation of Dajoz (1975) *Corticaria ferruginea* Marsham, 1802, as ruled in (1) above.
- (3) The name *ferruginea* Marsham, 1802, as published in the binomen *Corticaria ferruginea* (specific name of the type species of *Corticaria* Marsham, 1802), is hereby placed on the Official List of Specific Names in Zoology.
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
  - (a) CORTICARIIDAE Curtis, 1829, type genus *Corticaria* Marsham, 1802, with the endorsement that it and other family-group names based on *Corticaria* are not to be given priority over LATRIDIIDAE Erichson, 1842 and other family-group names based on *Latridius* Herbst, 1793 whenever their type genera are placed in the same family-group taxon;
  - (b) LATRIDIIDAE Erichson, 1842, type genus *Latridius* Herbst, 1793, with the endorsement that it and other family-group names based on *Latridius* are to be given precedence over CORTICARIIDAE Curtis, 1829 and other family-

group names based on *Corticaria* Marsham, 1802 whenever their type genera are placed in the same family-group taxon.

- (5) The name LATHRIDIEN Erichson, 1842 (an incorrect original spelling for LATRIDIIDAE Erichson, 1842) is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology.

### History of Case 3517

An application to conserve the usage of the CUCUJOIDEA family name LATRIDIIDAE Erichson, 1842 by giving it precedence over the senior name CORTICARIIDAE Curtis, 1829, and to conserve the current usage of the widely used name *Corticaria* Marsham, 1802 by designation of *Corticaria ferruginea* Marsham, 1802 as the type species, was received from Yves Bousquet and Patrice Bouchard (*Canadian National Collection of Insects, Arachnids and Nematodes, Agriculture and Agri-Food Canada, Ottawa, Ontario, Canada*) and Nathan P. Lord (*University of New Mexico, Albuquerque, NM, U.S.A.*) on 24 February 2010. After correspondence the case was published in BZN 67(2): 145–150 (2010). The title, abstract and keywords of the case were published on the Commission's website. Five comments in support were published in 67(3): 243–244.

### Decision of the Commission

On 1 June 2011 the members of the Commission were invited to vote on the proposals published in BZN 67: 147. At the close of the voting period on 1 September 2011 the votes were as follows:

Affirmative votes – 19: Ballerio, Bogutskaya, Brothers, Grygier, Halliday, Harvey, Kottelat, Krell, Kullander, Lamas, Minelli, Pape, Papp, Patterson, Rosenberg, Winston, Yanega, Zhang and Zhou.

Negative votes – 3: Fautin, Ng and van Tol.

Split votes were received from Bouchet who voted FOR: 1(b), 2, 3 and 5; AGAINST: 1(a), 4, and Kojima who voted FOR 1(b), 2 and 3 and AGAINST 1(a), 4 and 5.

Alonso-Zarazaga, Lim, Pyle and Štys were on leave of absence.

Voting FOR, Grygier said he objects to the characterization in paragraph 6 of Dajoz's (1967) type species designation for *Corticaria* as 'valid'. Grygier said that until the Commission rules otherwise, it is invalid because it was later than the valid designation by Gozis (1886). He agrees, however, that since the actual type species *Lyctus politus* is now in another genus and another family, stability will be served by replacing it. To his mind, *Dermestes longicornis* would do as well, but he defers to the applicants' preference for *C. ferruginea*. Also voting FOR, Kullander commented that this case used the option in Article 23.9.3. He said it was questionable whether the application convincingly demonstrated how the senior synonym would 'threaten stability or universality or cause confusion', as prevailing usage did not apply. However, because a relative large family is threatened with a name change, he felt that there was indeed here a need for an affirmative vote.

Voting AGAINST, Ng said that he viewed this situation as concerning a senior family name that had been used by people who applied the principle of priority, while the junior name was retained by people who either ignored or were not aware of the

problem. In such a case, he was not convinced that the principle of priority needed to be compromised. As for the proposed changing of the type species, Ng was also not convinced. He felt that while keeping the current type species would change the definition of the genus as currently understood, it should not be a problem for taxonomists and after a few years, the valid concept would be broadly applied.

Bouchet split his vote, and added that the application indicated that the family name CORTICARIIDAE was definitely in use, and thus he voted in favour of priority.

### Original references

The following are the original references to the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

*Corticaria* Marsham, 1802, *Entomologia Britannica, sistens insecta Britanniae indigena, secundum methodum Linnaeanam disposita. Tomus I. Coleoptera*. Wilks & Taylor, Londini, p. 106.

CORTICARIIDAE originally introduced as CORTICARIDAE Curtis, 1829, *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland: containing coloured figures from nature of the most rare and beautiful species, and in many instances of the plants upon which they are found*, vol. 6, London, pl. 283 and unpaginated pages related to pl. 283.

*ferruginea*, *Corticaria*, Marsham, 1802 *Entomologia Britannica, sistens insecta Britanniae indigena, secundum methodum Linnaeanam disposita. Tomus I. Coleoptera*. Wilks & Taylor, Londini, p. 111.

LATHRIDIEN Erichson, 1842, *Archiv für Naturgeschichte*, **8**: 122.

LATRIDIIDAE Erichson, 1842, *Archiv für Naturgeschichte*, **8**: 122.

*Latridius* Herbst, 1793, *Natursystem aller bekannten in- und ausländischen Insekten, als eine Fortsetzung der von Büffonschen Naturgeschichte. Der Käfer. Fünfter Theil. Mit 16 illuminirten Kupfertafeln*. J-N. Joachim Pauli, Berlin, p. 2.